

CORRES CONTROL
INCOMING LTR NO

4964 RF 93

States Government

Department of Energy

DUE
DATE

Rocky Flats Office

Memorandum

May 22 11 21 AM '93

ACTION

DIST. LTR ENC

BENEDETTI, R L	
BENJAMIN, A	
BERMAN, H S	
CARNIVAL, G J	
COPP, R D	
CORDOVA, R C	
DAVIS, J G	
FERRERA, D W	
FRANZ, W A	
HANNI, B J	
HEALY, T J	
HEDRAHL, T G	X
HILBIG, J G	
HUTCHINS, N M	X
KIRBY, W A	
KUESTER, A W	
MAHAFFEY, J W	
MANN, H P	
MARX, G E	
McKENNA, F G	
MORGAN, R V	
PIZZUTO, V M	
POTTER, G L	
SANDLIN, N B	
SATTERWHITE, D G	
SCHUBERT, A L	
SETLOCK, G H	
SULLIVAN, M T	
SWANSON, E R	
WILKINSON, R B	
WILSON, J M	

Peterson

JX

Rising

TX

NOV 17 1993

ERD MH 12415

Activated Carbon Regeneration Demonstration

Paul Hart, Waste Mgmt Operations Research & Development Div, EM-542, HQ

The Environmental Restoration Division (ERD) (DOE/RFO) is interested in supporting the Activated Carbon Regeneration demonstration at Rocky Flats as part of the Mixed Waste Integrated Program. This demonstration would be carried out with support from EM-50, and co-participants would include the Technology Development groups at Rocky Flats Plant and Sandia.

This project would seek to demonstrate the regeneration of activated carbon using steam reforming technology developed by Synthetica Technologies, Inc. The regenerated, activated carbon could then be recycled for re-use, thus minimizing waste carbon generation from the various treatment operations at Rocky Flats. Proposed carbon sources for this project include carbon from Operable Unit (OU) No. 2 IM/TRAs (i.e. the water treatment system and the gas treatment system from the vapor extraction project). This project would also investigate the effects of multiple regeneration cycles on the loading capacity of the carbon.

Funding for this project would be shared by EM-40 and EM-50, with the EM-40 contribution being about \$600K. We propose that this money would come from the OU-2 budget through the change control process.

RFO is excited about the potential for this project to reduce the volume of loaded activated carbon stored on plant site. If you have any questions please contact Michael Harris at (303)966-4189.

CORRES CONTROL	x	x
PATSD 130G		
ADMIN RECORD/666		

Reviewed for Addressee
Corres Control RFP11-22-93
DATE BY

Ref Ltr #

DOE ORDER # 5400.1

ADMIN RECORD

James K Hartman
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DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

BZ-A-00082

NOV 17 1993

P Hart
ERD MH 12415

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cc

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